U.S. National Phase of PCT/EP2003/005097

Amendments to the Abstract:

ABSTRACT

A closure cap [[(11)]] for openings on motor vehicle radiators is provided with a cap inner part [[(14)]] that is held on a cap outer part. A valve assembly [[(15)]] for opening and blocking a flow connection [[(40)]] between the inside of the reservoir and the outside of the reservoir is held inside said cap inner part. The valve assembly [[(15)]] comprises a valve body [[(18)]], which can move in a to-and-fro manner, is pressed in a pretensioned manner by spring action against a sealing seat on the cap inner part [[(14)]], and which can be lifted from the sealing seat when a specified limit value of the internal pressure of the reservoir is exceeded. The aim of the invention is to provide a closure cap [[(11)]] of the aforementioned type whose sealing seat, which is located between the cap inner part [[(14)]] and the valve body [[(18)]] facing said cap inner part, undergoes a definable reduction of tension when the venting flow path is opened. To this end, the sealing seat on the cap inner part [[(14)]] is formed by an O-ring [[(31)]], which is held inside an axially open annular groove [[(30)]], and this annular groove [[(30)]] is radially enlarged by venting pockets [[(35)]] provided on a circumferential edge.